

WHAT IS CLAIMED IS:

sub a1
1. A liquid crystal display comprising:

a liquid crystal display main body comprising a plurality of liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a pixel electrode;

a first deflecting element provided on substantially an entire front surface of said liquid crystal display main body, said first deflecting element having a first deflecting axis; and

a second deflecting element provided on substantially an entire rear surface of said liquid crystal display main body, said second deflecting element having a second deflecting axis, said first and second deflecting axes intersecting at right angles.

2. The liquid crystal display of Claim 1 further comprising a first photo-blocking film which covers a circumference of each pixel electrode in a predetermined trace width.

3. The liquid crystal display of Claim 2 further comprising a second photo-blocking film which covers an end surface of a connected part (side) of each liquid crystal panel along a longitudinal direction in a predetermined trace width.

sub a2
4. A liquid crystal display comprising:

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a liquid crystal display main body comprising a plurality of liquid crystal panels connected to each other adjacently on a single surface, each liquid crystal panel including a pixel electrode;

a first photo-blocking film which covers a circumference of each pixel electrode in a predetermined trace width; and

a third photo-blocking film provided in connected parts of said liquid crystal panels to fill spaces of said connected parts.

5. The liquid crystal display of Claim 3, wherein a width d of said second photo-blocking film satisfies $|d| \leq c/\tan(\sin^{-1}(1/n))$, where d is a width of said second photo-blocking film from an end point where said first photo-blocking film is formed on the end surface of the connected part side of said liquid crystal panels to a main surface of said liquid crystal panels, c is a trace width of said first photo-blocking film at the end surface of the connected part side of said liquid crystal panels, and n is a refraction factor of substrates forming each liquid crystal panel.

6. The liquid crystal display of Claim 4, wherein a width d of said third photo-blocking film satisfies $|d| \leq c/\tan(\sin^{-1}(1/n))$, where d is a width of said third photo-blocking film from an end point where said first photo-blocking film is formed on the end surface of the connected

part side of said liquid crystal panels to a main surface of said liquid crystal panels, d is a trace width of said first photo-blocking film at the end surface of the connected part side of said liquid crystal panels, and n is a refraction factor of substrates forming each liquid crystal panel.

10. ~~1~~. The liquid crystal display of Claim 1 further comprising a refraction factor adjusting material having a same refraction factor of panel substrates forming each liquid crystal panel, said refraction factor adjusting material being filled in the connected parts of said liquid crystal panels.

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8. The liquid crystal display of Claim 3 further comprising a refraction factor adjusting material having a same refraction factor of panel substrates forming each liquid crystal panel, said refraction factor adjusting material being filled in the connected parts of said liquid crystal panels.

34. ~~1~~. The liquid crystal display of Claim ~~1~~ ³³ further comprising a refraction factor adjusting material having a same refraction factor of a panel substrate forming each liquid crystal panel, said refraction factor adjusting material being filled in the connected parts of said liquid crystal panels.

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15. ~~1~~. The liquid crystal display of Claim 1, wherein each of said liquid crystal panels is made of ^{at least one} ~~an~~ active element

67

^a
in ^amatrix.

b
b ^{sub} ^{ES}
b
11. The liquid crystal display of Claim 3, wherein each of said liquid crystal panels is made of ^{at least one} ~~an~~ active element in ^amatrix.

b
b
b
35. 12. The liquid crystal display of Claim ³³ ~~4~~, wherein each of said liquid crystal panels is made of ^{at least one} ~~an~~ active element in ^amatrix.

b
b
b
11. 13. The liquid crystal display of Claim ¹⁰ ~~7~~, wherein each of said liquid crystal panels is made of ^{at least one} ~~an~~ active element in ^amatrix.

b
19. 14. The liquid crystal display of Claim 1, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of an ultraviolet-ray-setting resin.

^{sub} ^{ES}
15. The liquid crystal display of Claim 3, wherein each of said liquid crystal panels includes panel substrates laminated by means of ^E a seal material made of an ultraviolet-ray-setting resin.

36. 16. The liquid crystal display of Claim ³³ ~~4~~, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of an ultraviolet-ray-setting resin.

12. 17. The liquid crystal display of Claim ¹⁰ ~~7~~, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of an

68

ultraviolet-ray-setting resin.

¹⁶18. The liquid crystal display of Claim ¹⁵10, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of an ultraviolet-ray-setting resin.

²¹19. The liquid crystal display of Claim 1, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

^{Sub E7}20. The liquid crystal display of Claim 3, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

³¹21. The liquid crystal display of Claim ³²4, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

¹³22. The liquid crystal display of Claim ¹⁰19, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

¹⁷23. The liquid crystal display of Claim ¹⁵10, wherein each of said liquid crystal panels includes panel substrates laminated by means of a seal material made of a combination of thermosetting and ultraviolet-ray-setting resin.

23.
24. The liquid crystal display of Claim 1, wherein said plurality of liquid crystal panels are placed on a single plane of a single substrate so as to be connected to each other adjacently.

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25. The liquid crystal display of Claim 3, wherein said plurality of liquid crystal panels are placed on a single plane of a single substrate so as to be connected to each other adjacently.

38. 26. The liquid crystal display of Claim 3, wherein said plurality of liquid crystal panels are placed on a single plane of a single substrate so as to be connected to each other adjacently.

25. 27. The liquid crystal display of Claim 1, wherein said plurality of liquid crystal panels are placed on a single plane between two substrate so as to be connected to each other adjacently.

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28. The liquid crystal display of Claim 3, wherein said plurality of liquid crystal panels are placed on a single plane between two substrate so as to be connected to each other adjacently.

39. 29. The liquid crystal display of Claim 3, wherein said plurality of liquid crystal panels are placed on a single plane between two substrate so as to be connected to each other adjacently.

3. 30. The liquid crystal display of Claim 2, wherein a

b
trace width of connected parts of said liquid crystal panels
Substantially
is ^{substantially} equal to ~~or narrower than~~ a trace width of said first
photo-blocking film.

b Sub E10
31. The liquid crystal display of Claim 3, wherein a
trace width of connected parts of said liquid crystal panels
Substantially
is ^{substantially} equal to ~~or narrower than~~ a trace width of said first
photo-blocking film.

b 40.32. The liquid crystal display of Claim 32, wherein a
trace width of connected parts of said liquid crystal panels
Substantially
is ^{substantially} equal to ~~or narrower than~~ a trace width of said first
photo-blocking film.

41.33. The liquid crystal display of Claim 2, wherein said
first photo-blocking film is made of a photo-absorbing film
which absorbs light.

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34. The liquid crystal display of Claim 3, wherein said
first photo-blocking film is made of a photo-absorbing film
which absorbs light.

41.35. The liquid crystal display of Claim 32, wherein said
first photo-blocking film is made of a photo-absorbing film
which absorbs light.

7.36. The liquid crystal display of Claim 2, wherein said
first photo-blocking film is made of a layered film made of
a metal film and a photo-absorbing film which absorbs light.

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37. The liquid crystal display of Claim 3, wherein said
first photo-blocking film is made of a layered film made of

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-72-

a metal film and a photo-absorbing film which absorbs light.

42.38. The liquid crystal display of Claim 4, wherein said first photo-blocking film is made of a layered film made of a metal film and a photo-absorbing film which absorbs light.

5.36. The liquid crystal display of Claim 38, wherein said photo-absorbing film is made of an organic material made of a resin in which particulates are dispersed.

8.46. The liquid crystal display of Claim 36, wherein said photo-absorbing film is made of an organic material made of a resin in which particulates are dispersed.

6.41. The liquid crystal display of Claim 33, wherein said photo-absorbing film is made of a non-organic material which includes a IV-group semi-conductor.

9.46. The liquid crystal display of Claim 36, wherein said photo-absorbing film is made of a non-organic material which includes a IV-group semi-conductor.

43. The liquid crystal display of Claim 4, wherein said third photo-blocking film is made of an elastic photo-absorbing material.

29.44. The liquid crystal display of Claim 34, wherein said photo-absorbing material is made of a material whose principal ingredient is a silicon-based rubber.

45. The liquid crystal display of Claim 43, wherein said elastic photo-absorbing material has an elastic coefficient known as Young's coefficient of $10^4 - 10^8$ N/m².

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72

44. 46. The liquid crystal display of Claim 43, wherein
said elastic photo-absorbing material is mixed with a carbon
black pigment.

30. 47. The liquid crystal display of Claim 44, wherein
said photo-absorbing material is mixed with a carbon black
pigment.

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